

FEATURES

- Full family of specification grade static luminaires offers choice of sizes, ceiling trims, door frames and other options to provide general illumination for every recessed application.
- Standard door is fully gasketed flush steel with mitered appearance — completely frames shielding. Corners screwed together for rigidity, easy lens replacement.
- Urethane foam gasket eliminates light leaks between door frame and housing.
- Overlapping flange and modular ceiling trims factory installed with standard swing-gate hangers or field convertible with optional trim and hanger kits.
- Aluminum door frames available — flush or regressed.
- Integral T-bar safety clips hold T-bar securely, no fasteners required to install.
- Optional spring-loaded latches
- Guaranteed for one year against mechanical defects in manufacture.

SPECIFICATIONS

BALLAST — Thermally-protected, resetting, Class P, HPF, non-PCB, UL listed, CSA-certified ballast is standard. Energy-saving and electronic ballasts are sound rated A. Standard combinations are CBM approved and conform to UL 935.

WIRING & ELECTRICAL — Fixture conforms to UL 1570 and is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

MATERIALS — Housing formed from cold-rolled steel. Acrylic shielding material 100% UV stabilized. No asbestos is used in this product.

FINISH — Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

LISTING — UL listed and labeled. Listed and labeled to comply with Canadian and Mexican Standards (see options).

Specifications subject to change without notice.

Type

Catalog number

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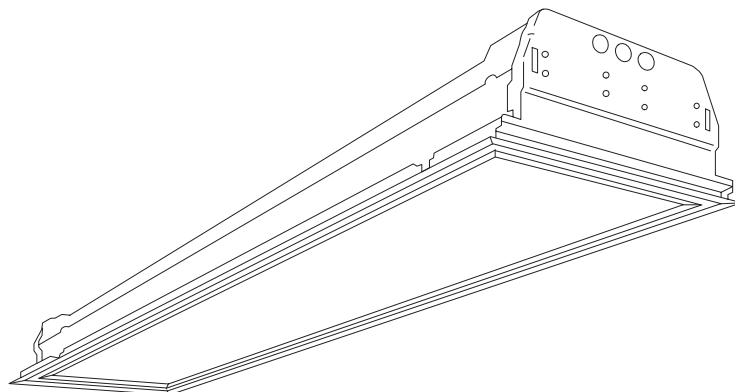
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Specification Premium Static Troffer

SP 1'x4'

1, 2 or 3 lamps



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

SP G 2 32 A12

Report LTL 3966

S/MH (along) 1.2 (across) 1.2

Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	72	70	67	71	68	66	66	64	62
2	67	63	59	65	61	58	59	56	54
3	62	56	52	61	55	51	53	50	47
4	57	51	46	56	50	45	48	44	41
5	53	45	40	52	45	40	43	39	36
10	36	28	23	35	27	22	27	22	19

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1316	22.7	34.6
0-40	2103	36.3	55.4
0-60	3293	56.8	86.7
0-90	3798	65.5	100.0
90-180	0	0	0
0-180	3798	65.5	100.0

SP G 2 40 A12

Report LTL 3038

S/MH (along) 1.2 (across) 1.2

Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	62	60	58	61	58	57	56	55	53
2	57	53	50	56	52	49	50	48	46
3	53	48	44	52	47	43	45	42	40
4	49	43	39	48	42	38	41	38	35
5	45	39	34	44	38	34	37	33	30
10	31	23	19	30	23	19	23	19	16

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1199	19.0	33.9
0-40	1920	30.5	54.3
0-60	3030	48.1	85.7
0-90	3537	56.1	100.0
90-180	0	0	0
0-180	3537	56.1	100.0

SP G 3 40 A12

Report LTL 3469

S/MH (along) 1.2 (across) 1.2

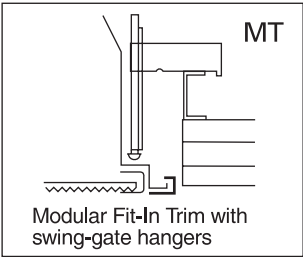
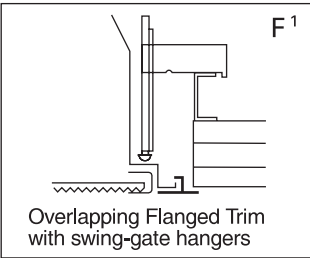
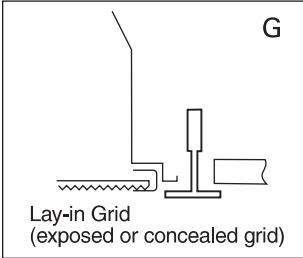
Coefficient of Utilization

Ceiling	80%			70%			50%		
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
1	59	57	55	57	55	54	53	52	51
2	54	51	48	53	50	47	48	46	43
3	50	46	42	49	45	41	43	40	38
4	47	41	37	45	40	37	39	36	33
5	43	37	33	42	36	32	35	32	29
10	29	22	18	29	22	18	22	18	15

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1733	18.3	34.5
0-40	2765	29.3	55.0
0-60	4322	45.7	86.0
0-90	5025	53.2	100.0
90-180	0	0	0
0-180	5025	53.2	100.0

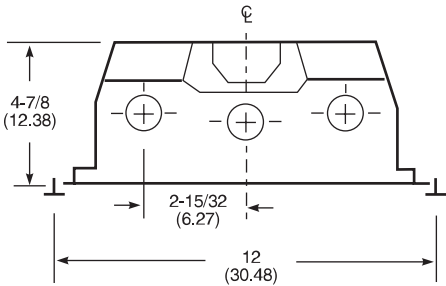
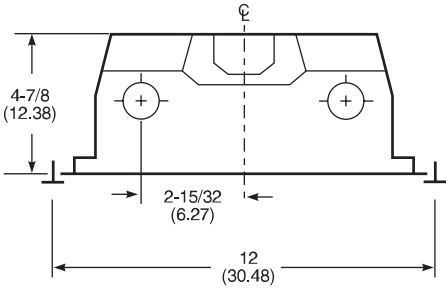
MOUNTING DATA



NOTES:
1 Recommended rough-in dimensions for F trim fixtures 12" x 48"
(Tolerance is +1/4", -0"). Swing-gate range 1-1/16" to 3-11/16", span
10-3/4" to 14-3/4".

DIMENSIONS

Inches (centimeters). Subject
to change without notice.



ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it in the appropriate blank.

Example: **SP G 2 32 FW A12 120 GEB HRD APB**

SP							
Series		Number of lamps		Door frame		Options	
SP 1' wide		1, 2, 3 Not included		(blank) Flush steel FN Flush aluminum, natural FM Flush aluminum, matte black FW Flush aluminum, white RN Regressed aluminum, natural RM Regressed aluminum, matte black RW Regressed aluminum, white		1/3 One 3-lamp ballast. GEB Electronic ballasts, ≤20% THD. GEB10 Electronic ballasts, ≤10% THD. EL Emergency battery pack (nominal 300 lumens. See Life Safety Section). GLR Internal fast-blow fuse. GMF Internal slow-blow fuse. PWS1836 6' prewire, 3/8" dia., 18-gauge, 3 wires. SLL Spring-loaded door latches LP__ Lamped, specify lamp type and color. PAF Painted after fabrication (white enamel). SSR Specular silver interior finish (95% reflective). CSA Listed and labeled to comply with Canadian Standards. NOM Listed and labeled to comply with Mexican Standards.	
Trim type		Lamp type		Voltage		Diffuser type	
G Grid F Overlapping flanged MT Modular fit-in		32 32W T8 (48") 40 40W T12 (48")		120, 277, 347 Others available		A12 #12 pattern acrylic A12125 #12 pattern acrylic, .125" thick A19 #19 pattern acrylic, .156" thick A15 #15 pattern acrylic, .2" thick AC Dropped dish diffuser, matte white acrylic PC1S 1/2" x 1/2" x 1/2" plastic cube louver, silver PC2S 1-1/2" x 1-1/2" x 1" plastic cube louver, silver w/ flange PC3S 3/4" x 3/4" x 1/2" plastic cube louver, silver	